

EAST Search History

File - 4/18/07

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|---|---|------------------|---------|------------------|
| S1 | 6 | ((("5536535") or ("5755929") or ("5873978") or ("5900115") or ("5985367") or ("6783847"))).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/01 13:32 |
| S2 | 0 | bulky and S1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 13:43 |
| S3 | 2384 | (bulk\$1 near2 paper) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 13:43 |
| S4 | 256 | (bulk\$1 near2 paper) and (polyacrylamide or dimethylacrylamide) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 13:45 |
| S5 | 50 | S4 and (charge adj density) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 15:11 |
| S7 | 43 | S6 and (silica or silicate or (fatty adj acid) or ((ethylene adj glycol) near2 ester)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 13:49 |
| S8 | 953348 | S6 and (((mercerize\$1 or caustic or (sodium adj hydroxide)) near2 treat\$2) or (bridg\$3 or crosslink\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 13:52 |
| S9 | 33 | S6 and (((mercerize\$1 or caustic or (sodium adj hydroxide)) near2 treat\$2) or (bridg\$3 or crosslink\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 15:06 |
| S10 | 0 | S6 and (relative adj bonding) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 13:53 |
| S11 | 0 | S6 and (area near bonding) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 13:53 |

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| S12 | 13 | "relative bonding area" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 14:00 |
| S13 | 9145 | "bonding area" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 14:00 |
| S14 | 1802 | "bonding area" and (cellulosic or paper) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 14:01 |
| S15 | 76 | S14 and polyacrylamide | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 14:15 |
| S16 | 1673380 | interfiber bond\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 14:15 |
| S17 | 1064 | interfiber adj bond\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 14:15 |
| S18 | 279 | S17 and polyacrylamide | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 14:26 |
| S19 | 220 | S18 and bulk\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 14:26 |
| S20 | 32 | S5 and S7 and S9 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 14:56 |
| S21 | 4 | S20 and merceriz\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 14:56 |

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| S22 | 0 | S5 and fatty\$1acid | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 15:06 |
| S23 | 0 | S5 and long\$1chain | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 15:06 |
| S24 | 58 | S4 and (ester with acid with alcohol) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 15:11 |
| S25 | 5116 | silicate with density | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 16:04 |
| S26 | 685 | silicate near2 density | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 16:05 |
| S27 | 82 | S26 and filler and (paper or cellulos\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 16:05 |
| S28 | 9 | S27 and polyacrylamide | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/01 16:05 |
| S29 | 6880 | ((162/9,158,164.1,164.7,164.6,166,168.1-168.3,181.1,181.6,181.7,182,183) or (8/125)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/04/02 12:24 |
| S30 | 1 | ("20050178517").PN. | US-PGPUB | OR | OFF | 2006/08/06 10:43 |
| S31 | 78 | ((printing or base or recording or (ink adj jet)) with (sheet or paper)) and (bulky or (high adj bulk) or (low adj density)) and ((acrylamide with cationic with anionic) or (amphoteric with acrylamide)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/08/06 12:38 |

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| S32 | 8 | S31 and (positive or negative) with (charge or potential) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/08/06 11:53 |
| S33 | 65 | S31 and pH | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/08/06 11:53 |
| S34 | 8 | S32 and S33 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/08/06 11:53 |
| S35 | 85 | ((acrylamide with cationic with anionic) or (amphoteric with acrylamide)) and ((positive or negative) with (charge or potential) with pH) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/08/06 13:34 |
| S36 | 22 | ((ampholytic or ampholyte) with acrylamide) and ((positive or negative) with (charge or potential) with pH) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/08/06 13:51 |
| S37 | 908 | (surface adj electric adj charge) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/08/06 13:52 |
| S38 | 276 | S37 and polymer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/08/06 13:52 |
| S39 | 88 | S38 and pH | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/08/06 13:52 |
| S40 | 1157 | ((bulky or (high adj bulk)) with (fiber or paper)) and (photographic or printing) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/08/07 09:20 |
| S41 | 172 | ((acrylamide with polymer) or polyacrylamide) and papermaking and (anionic near5 monomer) and (cationic near5 monomer) and (amphoteric or ampholytic) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/17 10:52 |

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| S42 | 116 | S41 and strength | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/17 10:48 |
| S43 | 172 | ((acrylamide with polymer) or polyacrylamide) and papermaking and (anionic near5 monomer) and (cationic near5 monomer) and (amphoteric or ampholytic) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/17 10:49 |
| S44 | 4 | S43 and bulky | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/17 10:57 |
| S45 | 4 | ((("4980075") or ("5368833") or ("5603805") or ("5607552"))).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/04/17 10:56 |
| S46 | 1 | WO-9955965-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/17 11:01 |
| S47 | 2 | WO-9718351-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/17 11:02 |
| S48 | 2 | EP-374458-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/17 11:07 |
| S49 | 2 | EP-752496-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/17 11:07 |